

STD-IV SCIENCE

ANNUAL REVISION Test - 1

I. CHOOSE THE CORRECT ANSWER.

[1X 2]

1. The yellow portion inside an egg is the
a. Yolk b. Albumen c. Lemon d. Skin
2. This energy comes from the splitting of an atom .
a. atomic b. geothermal c. solar d. hydro

II. ANSWER IN ONE WORD. [1X2]

3. A push or pull that makes a body move or stop moving: _____
4. Young one of an insect resembling the adult: _____

III. DO AS DIRECTED. [1X2]

5. A growing baby inside the egg is called a/an _____.
6. Bat : _____ :: monkey : Arboreal

IV. ANSWER THE FOLLOWINGS.

7. Write the name of the four stages in the life cycle of butterfly. [1X2]
8. Write the different ways by which animals protect themselves. [1X3]
9. Elaborate the transformation of energy in our day to day life. Write two machines being used at home in which one form of energy is changed into another. [1X4]

ANSWER KEY

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[1X 2]

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CHANGING YOUR TOMORROW

a. **atomic** b. geothermal c. solar d. hydro

II. ANSWER IN ONE WORD. [1X2]

3. A push or pull that makes a body move or stop moving: **force**

4. Young one of an insect resembling the adult: **nymph**

III. DO AS DIRECTED. [1X2]

5. A growing baby is called an **embryo**.

6. Bat : **aerial** : : monkey : Arboreal

I V. ANSWER THE FOLLOWINGS.

7. Ans- Eggs - caterpillar-pupa- adult butterfly.

8. Ans- Most common ways by which animals save themselves from being eaten up by other animals:

- a. Fishes , houseflies and frogs move fast enough to escape from their enemies.
- b. Whales, elephants and hippos are too big to be eaten by other animals.
- c. Zebras, tigers and leopards have stripes or spots on their bodies which help them to merge or mix with their surroundings. This is called camouflage.

9. Ans- A flat iron, an electric toaster and a stove all convert electrical energy into thermal energy.

- A television converts electrical energy into sound and light energy.
- Lightbulbs convert electric energy into light energy.
- A hair dryer converts electrical energy into thermal and sound energy.

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